

CLAIMS

1. A headlight assembly comprising:

a housing having a top wall, a bottom wall, a rear wall and an open front, said top, bottom and rear walls cooperating to define a housing cavity within said housing;

a reflector located within said housing cavity, said reflector including a top wall, a bottom wall, a rear wall and an open front, said top, bottom and rear walls cooperating to define a reflector cavity within said reflector, said reflector being connected to said housing by at a pivot such that said reflector is rotatable and vertically adjustable about a pivot axis;

a vertical adjuster mechanism including an adjustment member having a first end accessible from outside said housing cavity and a second end located within said housing cavity, said adjustment member being coupled to said housing and moveable between advanced and retracted positions relative to said housing cavity, said adjuster mechanism further including portions defining a channel located within said housing cavity and said portions being fixedly connected to said reflector, said second end of said adjustment member being received within said channel for relative movement therein; and

whereby movement of said adjustment member between said advanced and retracted positions causes said reflector to be vertically adjusted as said second end moves within said channel.

2. The headlight assembly of claim 1 wherein said pivot is a ball-and-socket joint.

3. The headlight assembly of claim 2 wherein a socket portion of said ball-and-socket joint is connected to said reflector and a ball portion of said ball-and-socket joint is connected to said housing.

4. The headlight assembly of claim 1 wherein said reflector is connected to said housing by two pivots and said two pivots defining said pivot axis.

5. The headlight assembly of claim 1 wherein said adjustment member extends through said top wall of said housing.

6. The headlight assembly of claim 1 wherein said adjustment member is obliquely positioned relative to said pivot.

7. The headlight assembly of claim 1 wherein said adjustment member includes a threaded portion threadably engaged with said housing.

8. The headlight assembly of claim 7 wherein said threaded portion is located between said first and second ends of said adjustment member.

9. The headlight assembly of claim 1 wherein said second end of said adjustment member includes a head, said head being received within said channel.

10. The headlight assembly of claim 9 wherein said head is a ball-shaped head.

11. The headlight assembly of claim 1 wherein said channel has an arc shape.

12. The headlight assembly of claim 1 wherein said channel includes a rearward end and a forward end, said arc shape of said channel arcing downward from said forward end to said rearward end.

13. The headlight assembly of claim 1 wherein said portions defining said channel are formed in an adjustment clip mounted to said reflector.

14. The headlight assembly of claim 1 wherein said channel has an open end open in a direction toward said top wall of said housing.

15. The headlight assembly of claim 1 wherein said open end defines a diameter that is less than a diameter of said second end of said adjustment member.

16. The headlight assembly of claim 1 wherein said adjustment member extends through a bore in said housing defining a first diameter, said second end of said adjustment member defining an effective diameter that is less than said first diameter.

17. The headlight assembly of claim 1 wherein said pivot is adjacent to said bottom wall of said reflector.